## ABSTRACT

The present invention provides an immunoassay for specifically measuring with high sensitivity PIVKA-II in serum or plasma through antigen antibody reaction by adding an animal serum containing thrombin and/or an antibody reacting with human fibrin-like related substances to the reagents. The immunoassay of the invention comprises the steps of adding thrombin and/or an antibody reacting with human fibrin-like related substances to the reagents, and measuring PIVKA-II in serum or plasma.

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